

In the claims:

Following is a complete set of claims as amended with this Response.

1-25 (Canceled)

26 (New) A method comprising:

receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);

determining if the transaction is a secure transaction;

determining if the session ID exists in a mapping table, if the transaction is a secure transaction;

sending the request to a server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

27. (New) The method of Claim 26, further comprising using a load balancing algorithm to assign a server to the user request if the transaction is a secure transaction and the session ID does not exist in the mapping table.

28. (New) The method of Claim 27, further comprising adding the session ID and the server assignment as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

29. (New) The method of Claim 27, further comprising assigning a secure tunnel to the assigned server as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

30. (New) The method of Claim 29, wherein assigning a secure tunnel

comprises selecting from among a plurality of established secure tunnels with a plurality of servers.

31. (New) The method of Claim 26, wherein the secure tunnel comprises a secure sockets layer (SSL) context.

32. (New) The method of Claim 31, wherein the SSL context comprises a source address, a destination address and an encryption algorithm.

33. (New) The method of Claim 26, further comprising using a load balancing algorithm to assign a server to the user request if the transaction is not a secure transaction.

34. (New) The method of Claim 26, further comprising:

subsequently receiving a second request comprising the session ID;

selecting the server corresponding to the session ID; and

sending the second request to the selected server.

35. (New) The method of claim 26, wherein determining if the transaction is a secure transaction comprises determining if an SSL packet is associated with the request.

36. (New) The method of Claim 26, wherein a secure transaction comprises transactions in which information about the user is saved at the assigned server.

37. (New) The method of Claim 26, wherein a secure transaction comprises transactions in which personal data and credit card information about the user is saved at the assigned server.

38. (New) The method of Claim 26, further comprising:

receiving a second request comprising a second session ID;
selecting the server corresponding to the first session ID;
sending the second request to the selected server; and
applying a quality of service algorithm to prioritize the first request and the second request.

39 (New) A method comprising:
receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);
determining if the transaction is a secure transaction;
determining if the session ID exists in a mapping table, if the transaction is a secure transaction; and
assigning a server to the user request and assigning a secure tunnel to the assigned server if the transaction is a secure transaction and the session ID does not exist in the mapping table.

40. (New) The method of Claim 39, further comprising using a load balancing algorithm to assign the server to the user request.

41. (New) The method of Claim 39, further comprising sending the request to a server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

42. (New) The method of Claim 39, further comprising adding the session ID and the server assignment as an entry to the mapping table if the transaction is a secure

transaction and the session ID does not exist in the mapping table.

43. (New) The method of Claim 39, wherein assigning a secure tunnel comprises selecting from among a plurality of established secure tunnels with a plurality of established servers.

44. (New) The method of Claim 43, wherein the secure tunnel comprises a secure sockets layer (SSL) context having a source address, a destination address and an encryption algorithm.

45. (New) The method of claim 39, wherein determining if the transaction is a secure transaction comprises determining if an SSL packet is associated with the request.

46 (New) A method comprising:

receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);

assigning a server to the user request;

determining if the transaction is a secure transaction;

assigning a secure tunnel to the assigned server if the transaction is a secure transaction;

adding the session ID, the server assignment, and the secure tunnel assignment as an entry to a mapping table if the transaction is a secure transaction.

47. The method of Claim 46, further comprising determining if the session ID exists in the mapping table, if the transaction is a secure transaction and sending the request to the server corresponding to the session ID in the mapping table, if the session

ID exists in the mapping table.

48. (New) The method of Claim 46, wherein assigning a secure tunnel comprises selecting from among a plurality of established secure tunnels with a plurality of servers.

49. (New) The method of Claim 46, wherein the secure tunnel comprises a secure sockets layer (SSL) context having a source address, a destination address and an encryption algorithm.

50. (New) The method of Claim 46, further comprising:

subsequently receiving a second request comprising the session ID;

determining if the session ID exists in the mapping table; and

sending the request to the server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

51. (New) The method of Claim 46, wherein a secure transaction comprises transactions in which information about the user is saved at the assigned server.

52. (New) The method of Claim 46, further comprising:

receiving a second request comprising a second session ID;

selecting the server corresponding to the first session ID;

sending the second request to the selected server; and

applying a quality of service algorithm to prioritize the first request and the second request.

53 (New) An article of manufacture including a machine-readable medium

having stored thereon data representing sequences of instructions, which, when executed by a machine, cause the machine to perform operations including:

receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);

determining if the transaction is a secure transaction;

determining if the session ID exists in a mapping table, if the transaction is a secure transaction;

sending the request to a server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

54. (New) The article of Claim 53, wherein the operations further include using a load balancing algorithm to assign a server to the user request if the transaction is a secure transaction and the session ID does not exist in the mapping table.

55. (New) The article of Claim 53, wherein the operations further include adding the session ID and the server assignment as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

56. (New) The article of Claim 53, wherein the operations further include selecting from among a plurality of established secure tunnels with a plurality of servers to assign a secure tunnel to the assigned server as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

57 (New) An article of manufacture including a machine-readable medium having stored thereon data representing sequences of instructions, which, when executed by a machine, cause the machine to perform operations including:

receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);

determining if the transaction is a secure transaction;

determining if the session ID exists in a mapping table, if the transaction is a secure transaction; and

assigning a server to the user request and assigning a secure tunnel to the assigned server if the transaction is a secure transaction and the session ID does not exist in the mapping table.

58. (New) The article of Claim 57, wherein the operations further include sending the request to a server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

59. (New) The article of Claim 57, wherein the secure tunnel comprises a secure sockets layer (SSL) context having a source address, a destination address and an encryption algorithm.

60 (New) An article of manufacture including a machine-readable medium having stored thereon data representing sequences of instructions, which, when executed by a machine, cause the machine to perform operations including:

receiving a user request corresponding to a transaction, the user request comprising a session identifier (ID);

assigning a server to the user request;

determining if the transaction is a secure transaction;

assigning a secure tunnel to the assigned server if the transaction is a secure transaction;

adding the session ID, the server assignment, and the secure tunnel assignment as an entry to a mapping table if the transaction is a secure transaction.

61. The article of Claim 60, wherein the operations further include determining if the session ID exists in the mapping table, if the transaction is a secure transaction and sending the request to the server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

62. (New) The article of Claim 60, wherein the operations further include:
subsequently receiving a second request comprising the session ID;
determining if the session ID exists in the mapping table; and
sending the request to the server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

63. (New) The article of Claim 60, wherein the operations further include:
receiving a second request comprising a second session ID;
selecting the server corresponding to the first session ID;
sending the second request to the selected server; and
applying a quality of service algorithm to prioritize the first request and the second request.

64 (New) A system comprising:

a mapping table containing session identifiers (IDs) linked to server and secure

tunnel assignments; and

a dispatcher to receive a user request corresponding to a transaction, the user request comprising a session ID, to determine if the transaction is a secure transaction, to determine if the session ID exists in the mapping table, if the transaction is a secure transaction, and send the request to a server corresponding to the session ID in the mapping table, if the session ID exists in the mapping table.

65. (New) The system of Claim 64, further comprising a load balancing table and wherein the dispatcher assign a server to the user request using the load balancing table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

66. (New) The system of Claim 65, wherein the dispatcher adds the session ID and the server assignment as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

67. (New) The system of claim 65, wherein the dispatcher determines if the transaction is a secure transaction by determining if an SSL packet is associated with the request.

68. (New) The system of Claim 67, wherein a secure transaction comprises transactions in which information about the user is saved at the assigned server.

69. (New) The system of Claim 65, further comprising a quality of service (QoS) manager in communication with the dispatcher to decide which one of multiple user requests is processed if multiple user requests are sent to the same server.

70 (New) A system comprising:

a load balancing table;

a mapping table containing session identifiers (IDs) linked to server and secure tunnel assignments; and

a dispatcher to receive a user request corresponding to a transaction, the user request comprising a session ID, to determine if the transaction is a secure transaction, to determine if the session ID exists in the mapping table, if the transaction is a secure transaction, and to assign a server to the user request using the load balancing table if the transaction is a secure transaction and the session ID does not exist in the mapping table.

71. (New) The system of Claim 70, wherein the dispatcher further assigns a server to the user request using the load balancing table if the transaction is not a secure transaction.

72. (New) The system of Claim 70, wherein the dispatcher further assigns a secure tunnel to the assigned server, selected from among a plurality of established secure tunnels with a plurality of established servers, if the transaction is a secure transaction and the session ID does not exist in the mapping table.

73. (New) The system of Claim 70, wherein the dispatcher further adds the session ID and the server assignment as an entry to the mapping table if the transaction is a secure transaction and the session ID does not exist in the mapping table.